



**The National Institutes of Health
National Center for Research Resources National Meeting on**

Enhancing the Discipline of Clinical and Translational Sciences

**Doubletree Crystal City National Airport Hotel; Arlington, VA
May 23, 2005**

Breakout Questions

Breakout 1: Components of a Clinical and Translational Sciences Academic Home

1. What are the essential components of an Academic Home?
2. What are the desirable components of an Academic Home?
3. If these are not the same, how can desirable components be prioritized?
4. Should components be administered as independent cores or is integration into a single entity best?
5. Do general laboratory cores have a role in Clinical Translational Science centers?
6. How could the separate needs of component parts best be balanced?
7. Are salary budget lines an essential component?
8. How can time for careers in Clinical Research be developed by pilot project support?
9. What path will allow trainees to demonstrate independence?

Breakout 2: Institutional Culture and Commitment for Clinical and Translational Sciences

1. What are the critical institutional issues related to forming academic homes for the Clinical and Translational Sciences?
2. What are the steps needed to implement and sustain the cultural changes that will allow academic clinical and translational researchers to succeed?
3. Should the criteria for appointment and promotion for clinical researches be different from other faculty in the university?
4. How can exportable practices be shared? How should we continue the dialogue after the meeting?

Breakout 3: Education, Training, and Career Development

1. How to optimally structure education, training, and sustained career development in the Clinical and Translational Sciences to promote multidisciplinary research and improve human health?
2. How to design training and career paths for all members of a multi-disciplinary team?
3. How can this dialogue be continued after the meeting?

Issue 1: Define the impact of an academic home on the Clinical and Translational Sciences?

Issue 2: What resources are required for effective education in the Clinical and Translational Sciences?

Issue 3: What is the optimal structure to support effective education in the Clinical and Translational Sciences?

Issue 4: What are the elephants in the Clinical and Translational Sciences education living room?

Breakout 4: Clinical Research Informatics

1. Where can informatics be most helpful?
 - a) Which items will add the most value?
 - b) Which items are easiest to do?
2. What do academic institutions need to do to take advantage of informatics in Clinical and Translational Sciences?
 - a) Which items will happen on their own?
 - b) Which items need to be nurtured from the outside?
 - c) Distributed versus centralized resources – what are pros and cons?
3. Where can national leadership help?
 - a) Which items will add the most value?
 - b) What is required to make it happen?

Breakout 5: Intra-and Inter-Institutional Collaboration

1. How to enhance the discipline of Clinical and Translational Sciences via increased coordination and collaboration:
 - a) At national, regional, institutional levels?
 - b) Among subcomponents (research methods, practices, services, populations, training, etc.)?
2. How to engender mutual respect for shared or compatible approaches to collaboration?
3. How to promote the strengths and opportunities offered by various individual institutions and programs?
4. Where might national or regional models of coordination and collaboration enhance efficiency?
5. How to change promotions and tenure systems to recognize and reward collaborative efforts?